

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018124.D
 Acq On : 02 May 2024 18:05
 Operator : SY/MD
 Sample : P2330-11
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-2(0.5-1.5)

Quant Time: May 02 23:07:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	236193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94201	50.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.200%
35) Dibromofluoromethane	7.710	113	116679	49.047	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.173	98	450853	48.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.477	95	130128	40.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.420%

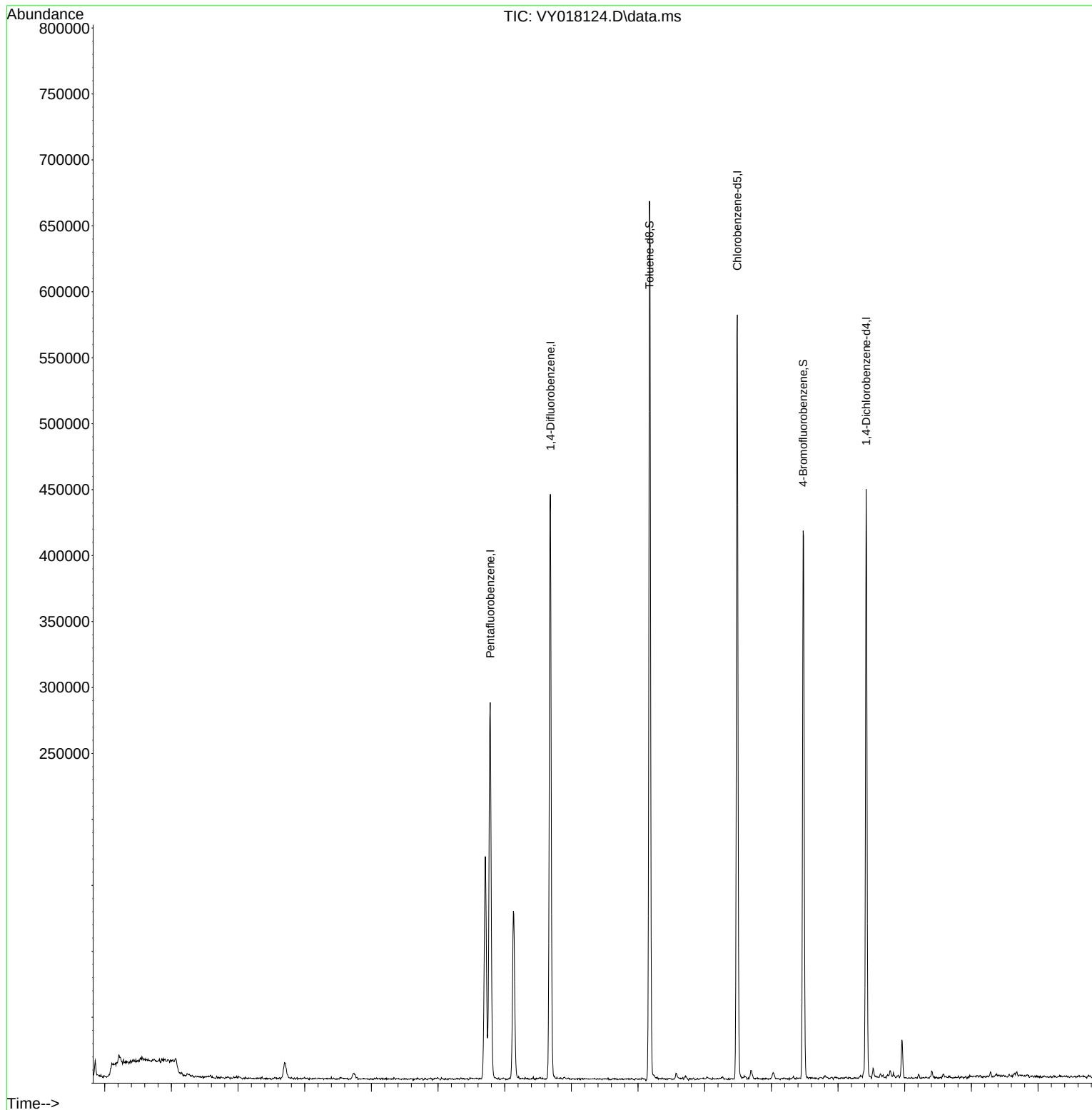
Target Compounds Qvalue

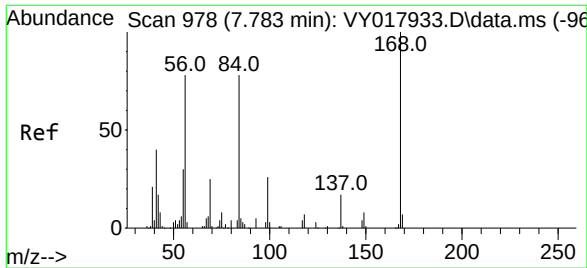
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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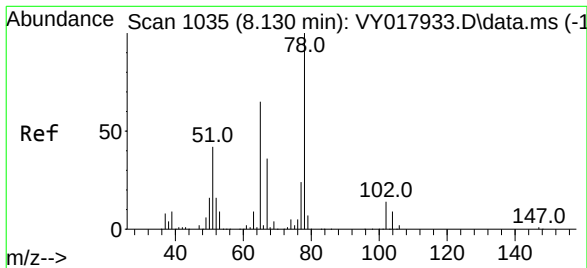
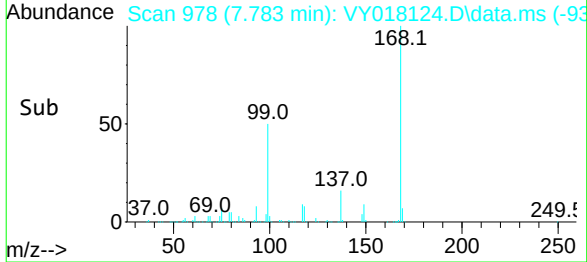
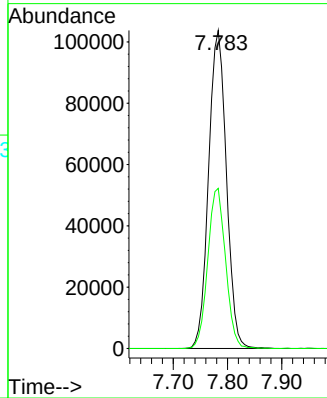
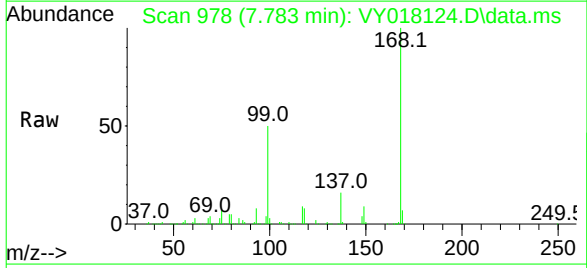




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

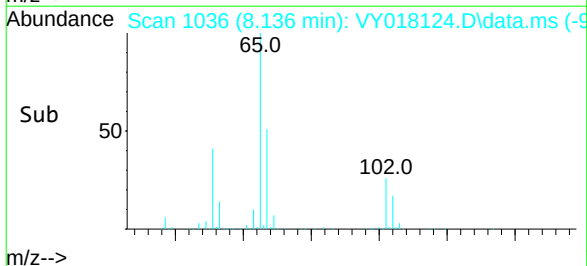
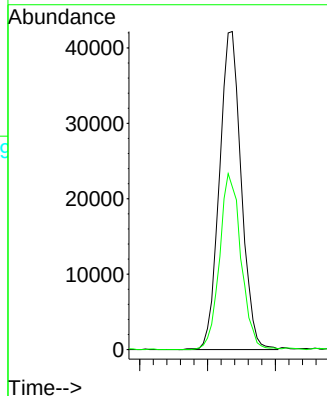
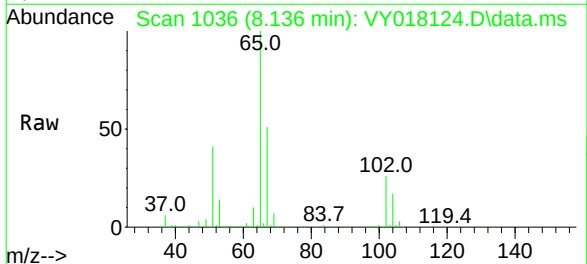
Instrument :
MSVOA_Y
ClientSampleId :
E-2(0.5-1.5)

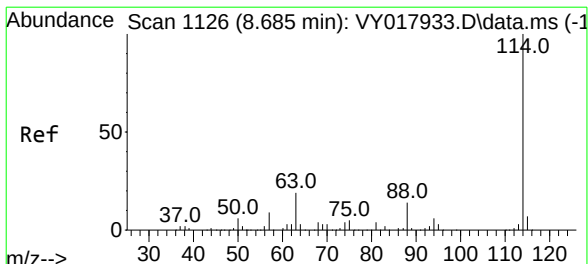
Tgt Ion:168 Resp: 236193
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.598 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 65 Resp: 94201
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6

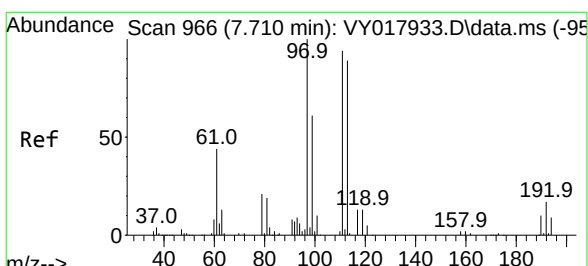
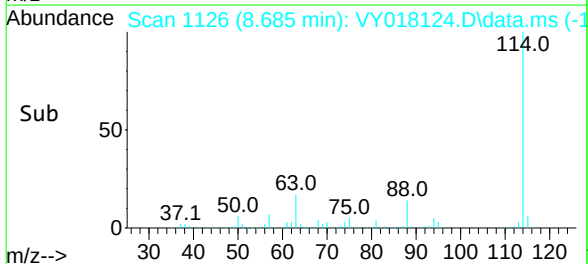
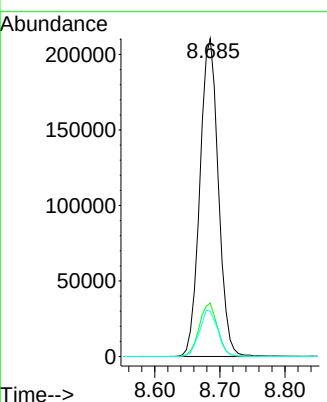
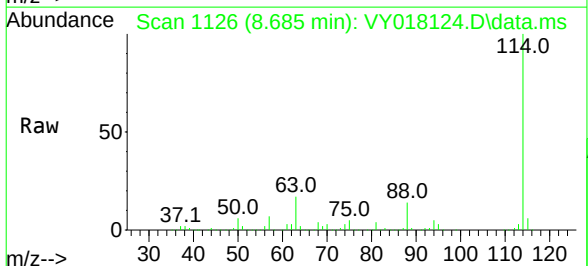




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY018124.D
 Acq: 02 May 2024 18:05

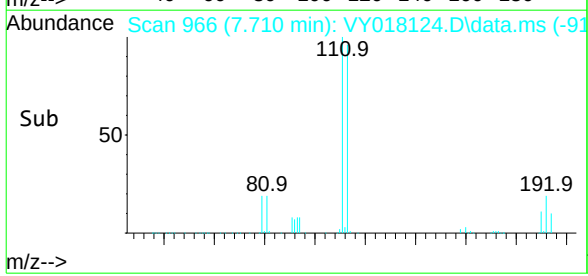
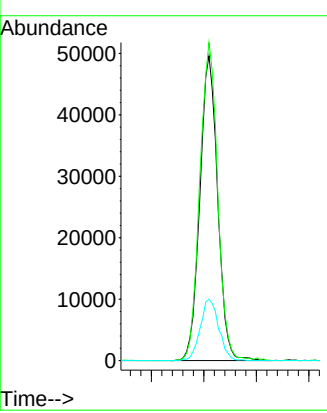
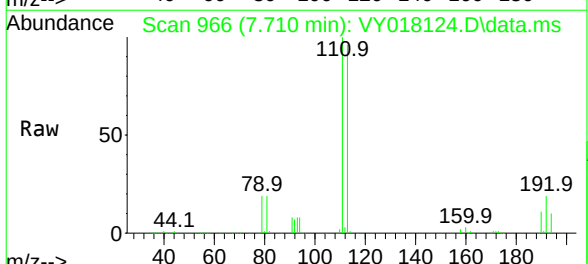
Instrument :
 MSVOA_Y
 ClientSampleId :
 E-2(0.5-1.5)

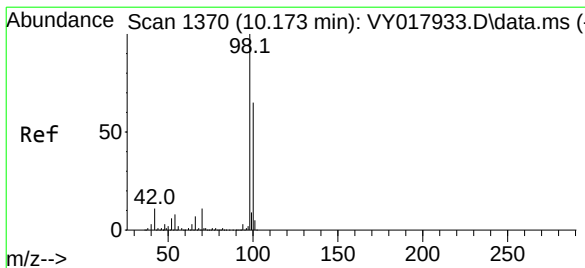
Tgt Ion:	114	Resp:	413964
Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.0
88	14.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.047 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018124.D
 Acq: 02 May 2024 18:05

Tgt Ion:	113	Resp:	116679
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	20.9	15.9	23.9





#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY018124.D

Acq: 02 May 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

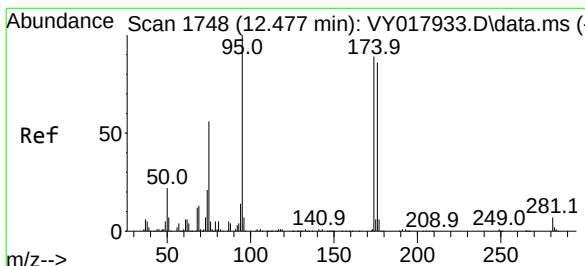
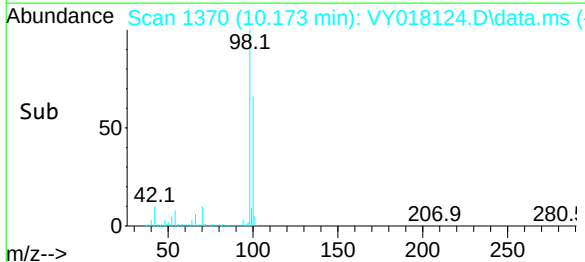
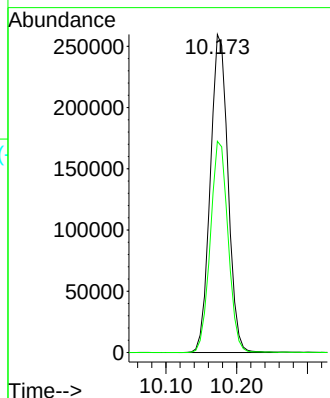
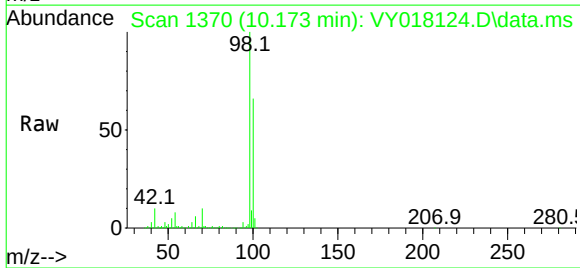
E-2(0.5-1.5)

Tgt Ion: 98 Resp: 450853

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.715 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018124.D

Acq: 02 May 2024 18:05

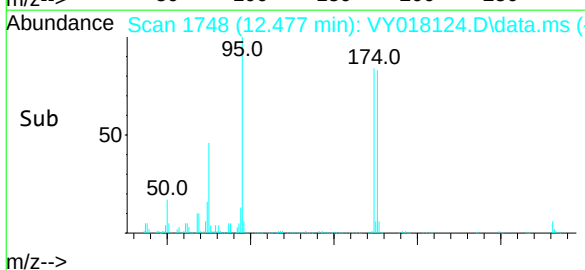
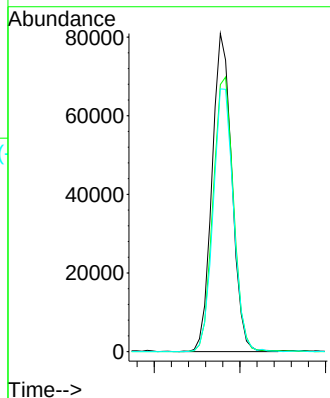
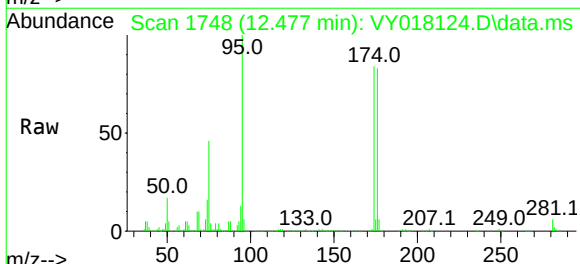
Tgt Ion: 95 Resp: 130128

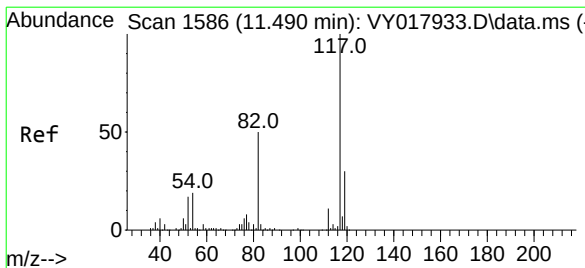
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.6

176 84.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018124.D

Acq: 02 May 2024 18:05

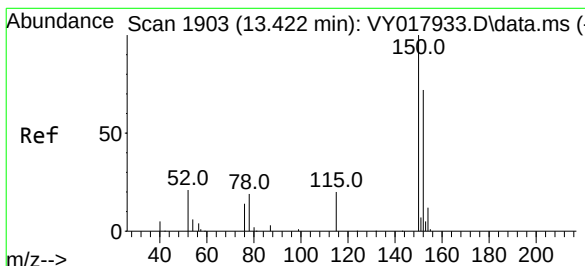
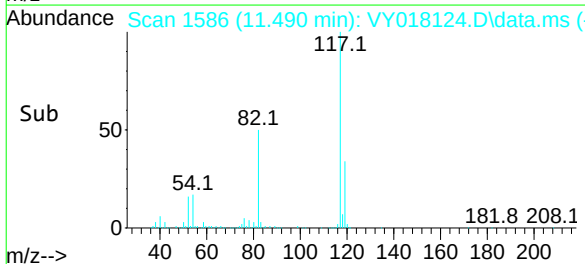
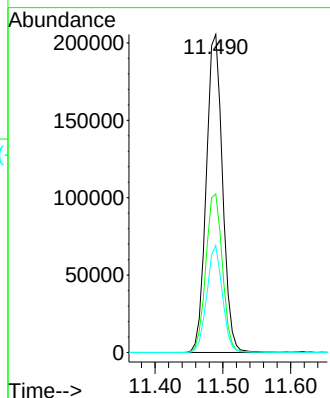
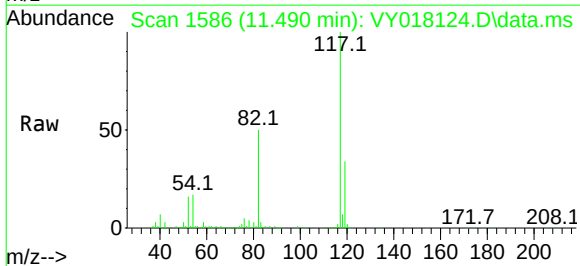
Instrument :

MSVOA_Y

ClientSampleId :

E-2(0.5-1.5)

Tgt Ion:	117	Resp:	342250
Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.4	63.6
119	33.6	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018124.D

Acq: 02 May 2024 18:05

Tgt Ion:	152	Resp:	119112
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	158.9	0.0	345.6

